



Name _____

Date _____

Learning Target: I will evaluate algebraic expressions

Session 1: Guided Practice (We Do)

Materials:

- Algebra Tiles (1 set on p. 13: 20 +1s and 16 +x's per student)
- Expression mat (1 per student)

We Do Together: (Teacher Actions)

- Say, build and evaluate the algebraic expression.

1. $2x + 3$, when $x = 4$	2. $x^2 + 4$, when $x = 3$
3. $x - 3$, when $x = 5$	4. $4(x - 2)$, when $x = 3$



Name _____ Date _____

Learning Target: I will evaluate algebraic expressions

Session 1: Guided Practice (We Do - Continued)

You Do Together: (As a class, or in small groups)

- Students take turns leading and repeat the steps to evaluate the algebraic expression and write the answer.

5. $3 + 2x$, when $x = 4$	6. $3x - 4$, when $x = 2$
7. $x^2 + 2$, when $x = 3$	8. $3(x - 2)$, when $x = 4$
9. $3x + 10$, when $x = 2$	10. $x^2 + 2$, when $x = 4$



Quick Check - Form A

Name _____ Date _____

Learning Target: I will evaluate algebraic expressions.

Directions: Evaluate each expression for the given value of x . (Work time: 4 minutes)

1. $2x + 4$, when $x = 3$	2. $10 - 2x$, when $x = 2$
3. $x^3 + 6$, when $x = 4$	4. $4(x + 2)$, when $x = 5$
5. $14 - 2x$, when $x = 3$	6. $x^2 - 4$, when $x = 3$

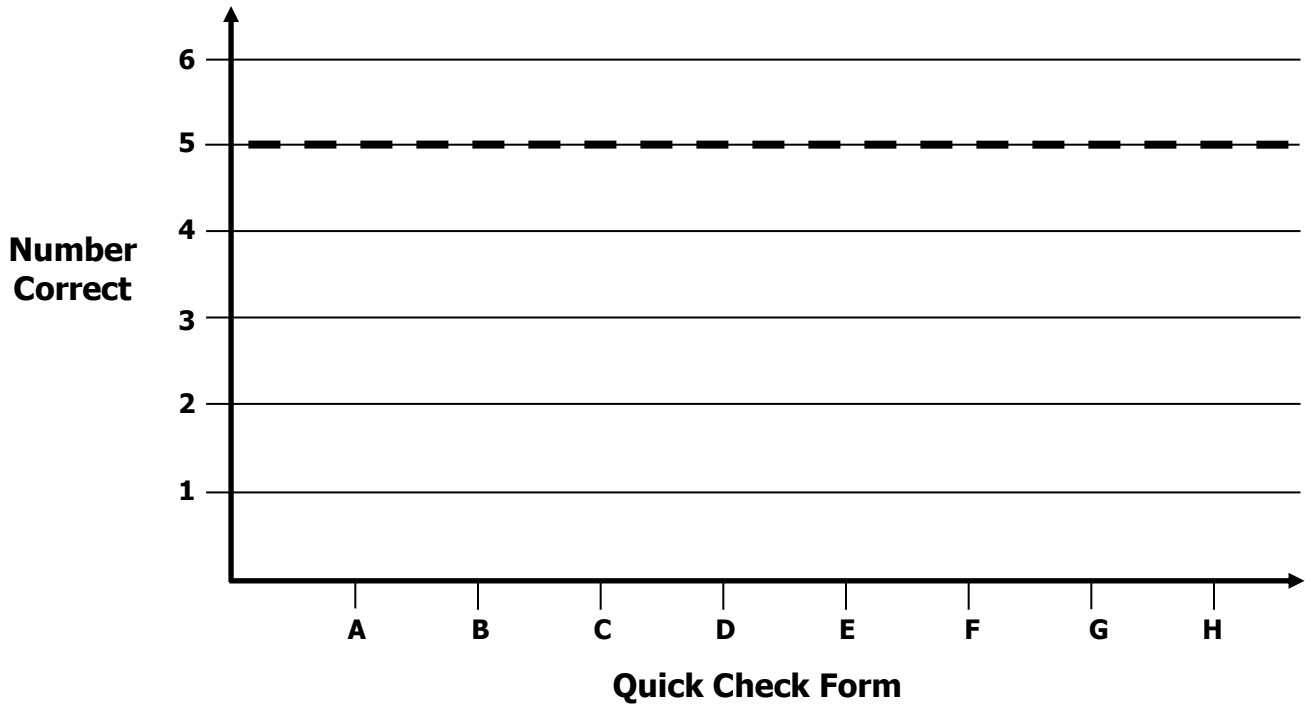


Growth Chart

Name _____ Date _____

Learning Target: I will evaluate algebraic expressions.

Goal: 5 out of 6 correct



Intervention	Date	Score
Session 1:		
Session 2:		
Session 3:		
Session 4:		
Session 5:		
Session 6:		
Session 7:		
Session 8:		



Name _____

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Learning Target: I will evaluate algebraic expressions

Session 2: Guided Practice (We Do)

Materials:

- Algebra Tiles (1 set on p. 13: 20 +1s and 16 +x's per student)
- Expression mat (1 per student)

We Do Together: (Teacher Actions)

- Say, build and evaluate the algebraic expression.

1. $2x + 1$, when $x = 5$	2. $x^2 + 3$, when $x = 4$
3. $x - 2$, when $x = 7$	4. $3(x - 1)$, when $x = 5$



Name _____ Date _____

Learning Target: I will evaluate algebraic expressions

Session 2: Guided Practice (We Do - Continued)

You Do Together: (As a class, or in small groups)

- Students take turns leading and repeat the steps to evaluate the algebraic expression and write the answer.

5. $4 + 2x$, when $x = 3$	6. $3x - 5$, when $x = 2$
7. $x^2 + 1$, when $x = 3$	8. $2(x - 1)$, when $x = 4$
9. $2x + 8$, when $x = 3$	10. $x^2 + 1$, when $x = 3$



Quick Check - Form B

Name _____ Date _____

Learning Target: I will evaluate algebraic expressions.

Directions: Evaluate each expression for the given value of x . (Work time: 4 minutes)

1. $6 + 2x$, when $x = 4$	2. $5x - 4$, when $x = 6$
3. $x^2 + 4$, when $x = 3$	4. $3(x - 2)$, when $x = 9$
5. $20 - 3x$, when $x = 4$	6. $x^3 + 2$, when $x = 4$



Name _____ Date _____

Learning Target: I will evaluate algebraic expressions

Session 3: Guided Practice (We Do)

We Do Together: (Teacher Actions)

- Say, draw and evaluate the algebraic expression.

1. $2x + 1$, when $x = 5$	2. $x - 4$, when $x = 9$
3. $x^2 - 4$, when $x = 3$	4. $3(x - 2)$, when $x = 6$



Name _____ Date _____

Learning Target: I will evaluate algebraic expressions

Session 3: Guided Practice (We Do - Continued)

You Do Together: (As a class, or in small groups)

- Students take turns leading and to say, draw and evaluate the algebraic expression.

5. $3 + 2x$, when $x = 4$	6. $3x - 4$, when $x = 2$
7. $x^2 + 2$, when $x = 3$	8. $3(x - 2)$, when $x = 5$
9. $3x + 10$, when $x = 2$	10. $x^2 + 2$, when $x = 4$



Quick Check - Form C

Name _____ Date _____

Learning Target: I will evaluate algebraic expressions.

Directions: Evaluate each expression for the given value of x . (Work time: 4 minutes)

1. $9x + 3$, when $x = 2$	2. $12 - 3x$, when $x = 3$
3. $x^3 + 2$, when $x = 3$	4. $4(x + 7)$, when $x = 2$
5. $16 - 3x$, when $x = 2$	6. $x^2 - 1$, when $x = 4$



Name _____ Date _____

Learning Target: I will evaluate algebraic expressions

Session 4: Guided Practice (We Do)

We Do Together: (Teacher Actions)

- Say, draw and evaluate the algebraic expression.

1. $3x + 1$, when $x = 2$	2. $x - 2$, when $x = 10$
3. $x^2 - 3$, when $x = 5$	4. $3(x - 2)$, when $x = 4$



Name _____ Date _____

Learning Target: I will evaluate algebraic expressions

Session 4: Guided Practice (We Do - Continued)

You Do Together: (As a class, or in small groups)

- Students take turns leading and to say, draw and evaluate the algebraic expression.

5. $4 + 2x$, when $x = 3$	6. $4x - 3$, when $x = 2$
7. $x^2 + 3$, when $x = 2$	8. $3(x - 2)$, when $x = 4$
9. $2x + 10$, when $x = 4$	10. $x^2 + 3$, when $x = 5$



Quick Check - Form D

Name _____ Date _____

Learning Target: I will evaluate algebraic expressions.

Directions: Evaluate each expression for the given value of x . (Work time: 4 minutes)

1. $5x + 4$, when $x = 3$	2. $6x - 10$, when $x = 5$
3. $x^3 + 4$, when $x = 2$	4. $2(x - 1)$, when $x = 6$
5. $16 - x$, when $x = 5$	6. $x^2 + 5$, when $x = 6$



Name _____ Date _____

Learning Target: I will evaluate algebraic expressions

Session 5: Guided Practice (We Do)

We Do Together: (Teacher Actions)

- Say, draw and evaluate the algebraic expression.

1. $2x + 1$, when $x = 3$	2. $x - 4$, when $x = 7$
3. $x^2 - 4$, when $x = 4$	4. $3(x - 2)$, when $x = 5$



Name _____ Date _____

Learning Target: I will evaluate algebraic expressions

Session 5: Guided Practice (We Do - Continued)

You Do Together: (As a class, or in small groups)

- Students take turns leading and to say, draw and evaluate the algebraic expression.

5. $3 + 2x$, when $x = 5$	6. $5x - 4$, when $x = 2$
7. $x^2 + 2$, when $x = 4$	8. $2(x - 3)$, when $x = 6$
9. $3x + 10$, when $x = 5$	10. $x^2 + 1$, when $x = 3$



Quick Check - Form E

Name _____ Date _____

Learning Target: I will evaluate algebraic expressions.

Directions: Evaluate each expression for the given value of x . (Work time: 4 minutes)

1. $2x + 4$, when $x = 3$	2. $10 - 2x$, when $x = 2$
3. $x^3 + 6$, when $x = 4$	4. $4(x + 2)$, when $x = 5$
5. $14 - 2x$, when $x = 3$	6. $x^2 - 4$, when $x = 3$



Name _____ Date _____

Learning Target: I will evaluate algebraic expressions

Session 6: Guided Practice (We Do)

We Do Together: (Teacher Actions)

- Use substitution to evaluate each algebraic expression.

1. $2x + 1$, when $x = 8$	2. $x - 4$, when $x = 13$
3. $x^2 - 4$, when $x = 7$	4. $3(x - 2)$, when $x = 9$



Name _____ Date _____

Learning Target: I will evaluate algebraic expressions

Session 6: Guided Practice (We Do - Continued)

You Do Together: (As a class, or in small groups)

- Students take turns leading to evaluate each algebraic expression using substitution.

5. $3 + 2x$, when $x = 5$	6. $3x - 4$, when $x = 7$
7. $x^2 + 2$, when $x = 6$	8. $3(x - 2)$, when $x = 8$
9. $3x + 10$, when $x = 5$	10. $x^2 + 2$, when $x = 9$



Quick Check - Form F

Name _____ Date _____

Learning Target: I will evaluate algebraic expressions.

Directions: Evaluate each expression for the given value of x . (Work time: 4 minutes)

1. $6 + 2x$, when $x = 4$	2. $5x - 4$, when $x = 6$
3. $x^2 + 4$, when $x = 3$	4. $3(x - 2)$, when $x = 9$
5. $20 - 3x$, when $x = 4$	6. $x^3 + 2$, when $x = 4$



Name _____ Date _____

Learning Target: I will evaluate algebraic expressions

Session 7: Guided Practice (We Do)

We Do Together: (Teacher Actions)

- Use substitution to evaluate each algebraic expression.

1. $6x + 1$, when $x = 8$	2. $x - 5$, when $x = 13$
3. $x^2 - 3$, when $x = 9$	4. $4(x - 2)$, when $x = 7$



Name _____ Date _____

Learning Target: I will evaluate algebraic expressions

Session 7: Guided Practice (We Do - Continued)

You Do Together: (As a class, or in small groups)

- Students take turns leading to evaluate each algebraic expression using substitution.

5. $3 + 7x$, when $x = 8$	6. $9x - 4$, when $x = 7$
7. $x^2 + 3$, when $x = 7$	8. $6(x - 2)$, when $x = 8$
9. $8x + 10$, when $x = 9$	10. $x^2 - 5$, when $x = 8$



Quick Check - Form G

Name _____ Date _____

Learning Target: I will evaluate algebraic expressions.

Directions: Evaluate each expression for the given value of x . (Work time: 4 minutes)

1. $9x + 3$, when $x = 2$	2. $12 - 3x$, when $x = 3$
3. $x^3 + 2$, when $x = 3$	4. $4(x + 7)$, when $x = 2$
5. $16 - 3x$, when $x = 2$	6. $x^2 - 1$, when $x = 4$



Name _____ Date _____

Learning Target: I will evaluate algebraic expressions

Session 8: Guided Practice (We Do)

We Do Together: (Teacher Actions)

- Use substitution to evaluate each algebraic expression.

<p>1.</p> <p>$7x + 1$, when $x = 9$</p>	<p>2.</p> <p>$x - 6$, when $x = 15$</p>
<p>3.</p> <p>$x^2 - 4$, when $x = 8$</p>	<p>4.</p> <p>$8(x - 2)$, when $x = 7$</p>



Name _____ Date _____

Learning Target: I will evaluate algebraic expressions

Session 8: Guided Practice (We Do - Continued)

You Do Together: (As a class, or in small groups)

- Students take turns leading to evaluate each algebraic expression using substitution.

5. $3 + 4x$, when $x = 7$	6. $3x - 4$, when $x = 8$
7. $x^2 - 2$, when $x = 6$	8. $3(x - 2)$, when $x = 9$
9. $6x + 10$, when $x = 7$	10. $x^2 + 1$, when $x = 9$



Quick Check - Form H

Name _____ Date _____

Learning Target: I will evaluate algebraic expressions.

Directions: Evaluate each expression for the given value of x . (Work time: 4 minutes)

1. $5x + 4$, when $x = 3$	2. $6x - 10$, when $x = 5$
3. $x^3 + 4$, when $x = 2$	4. $2(x - 1)$, when $x = 6$
5. $16 - x$, when $x = 5$	6. $x^2 + 5$, when $x = 6$